

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
11 August 2005 (11.08.2005)

PCT

(10) International Publication Number
WO 2005/073192 A1

(51) International Patent Classification⁷: **C07D 211/52**,
211/14, 401/12, 409/12, 417/12, A61K 31/445, 31/4523,
A61P 11/06, 19/02, 31/00

(GB). **RIGBY, Aaron** [GB/GB]; AstraZeneca R & D
Charnwood, Bakewell Road, Loughborough Leicestershire
LE11 5RH (GB).

(21) International Application Number:
PCT/SE2005/000110

(74) Agent: **ASTRAZENECA**; Global Intellectual Property,
S-151 85 Södertälje (SE).

(22) International Filing Date: 31 January 2005 (31.01.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0400208-5 2 February 2004 (02.02.2004) SE

(71) Applicant (*for all designated States except US*): **AS-
TRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ALCARAZ, Lillian**
[FR/GB]; AstraZeneca R & D Charnwood, Bakewell
Road, Loughborough Leicestershire LE11 5RH (GB).
CAGE, Peter [GB/GB]; AstraZeneca R & D Charnwood,
Bakewell Road, Loughborough Leicestershire LE11 5RH
(GB). **FURBER, Mark** [GB/GB]; AstraZeneca R & D
Charnwood, Bakewell Road, Loughborough Leicester-
shire LE11 5RH (GB). **KINCHIN, Elizabeth** [GB/GB];
AstraZeneca R & D Charnwood, Bakewell Road, Lough-
borough Leicestershire LE11 5RH (GB). **LUCKHURST,**
Christopher [GB/GB]; AstraZeneca R & D Charnwood,
Bakewell Road, Loughborough Leicestershire LE11 5RH

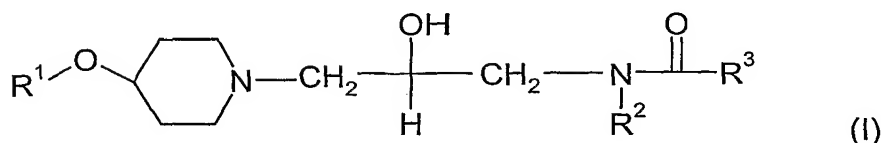
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: NOVEL PIPERIDINES AS CHEMOKINE MODULATORS (CCR)



(57) Abstract: Compounds of Formula (I) are modulators of chemokine (for example CCR3) activity (for use in, for example, treating asthma).



WO 2005/073192 A1